

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Complete if Known

Application Number	09/825,922
Filing Date	5 April 2001
First Named Inventor	David E. COMINGS
Group Art Unit	1014 1634
Examiner Name	Not Yet Assigned
Attorney Docket Number	1954-332

Sheet 1 of 4

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

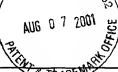
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
g		Balfour et al., "Pharmacology of Nicotine and Its Therapeutic Use in Smoking Cessation and Neurodegenerative Disorders," Pharmacol. Ther. 72(1):51-81, 1996.	
		Choong et al., "Reduced Androgen Receptor Gene Expression with First Exon CAG Repeat Expansion," Mol Endocrinol 10(12):1527-1535, 1996.	
		Coger, "Attention Deficit Disorder in Adults and Nicotine Dependence: Psychobiological Factors in Resistance to Recovery?" J Psychoactive Drugs 28(3):229-240, July-Sep 1996.	
		Comings et al., "The Dopamine D ₂ Receptor Locus as a Modifying Gene in Neuropsychiatric Disorders," JAMA 266(13):1793-1800, October 2, 1991	
		Comings et al., "Polygenic Inheritance of Tourette Syndrome, Stuttering, Attention Deficit Hyperactivity, Conduct and Oppositional Defiant Disorder: The Additive and Subtractive Effect of the Three Dopaminergic Genes - DRD2, D β H, and DAT1," Am J Med Genet 67:264-288, 1996.	
		Comings et al., "Different genes for susceptibility to drug versus alcohol dependence," Biol. Psychiatry 42:295S-296S, 1997.	
		Comings et al., "Polygenic inheritance and micro/minisatellites," Mol Psychiatry 3:21-31, 1998.	
		Comings et al., "Association of the androgen receptor gene (AR) with ADHD and conduct disorder," NeuroReport 10:1589-1592, 1999.	
		Comings et al., "Molecular heterosis as the explanation for the controversy about the effect of the DRD2 gene on dopamine D ₂ receptor density," Mol Psychiatry 4(3):213-215, May 1999.	
		Comings et al., "Additive effect of three noradrenergic genes (ADRA2A, ADRA2C, DBH) on attention-deficit hyperactivity disorder and learning disabilities in Tourette syndrome subjects," Clin Genet 55:160-172, 1999.	
		Comings et al., "Comparison of the role of dopamine, serotonin, and noradrenaline genes in ADHD, ODD and conduct disorder: multivariate regression analysis of 20 genes," Clin Genet 57:178-196, 2000.	
		Comings et al., "Multivariate analysis of associations of 42 genes in ADHD, ODD and conduct disorder," Clin Genet 58:31-40, 2000.	
		Comings et al., "A multivariate analysis of 59 candidate genes in personality traits: the temperament and character inventory," Clin Genet 58:375-385, 2000.	
Examiner Signature	J. Goldberg		Date Considered 7/17/02

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

†Unique citation designation number. *Applicant is to place a check mark here if English language Translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

AUG 17 2001



Complete if Known

Application Number	09/825,922
Filing Date	5 April 2001
First Named Inventor	David E. COMINGS
Group Art Unit	1644/634
Examiner Name	Not Yet Assigned
Attorney Docket Number	1954-332

Sheet

2

of

4

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
JS		Comings et al., "Association of the N-acetyltransferase I gene (NAT1) with mild and severe substance abuse," NeuroReport, 11(6):1227-1230, 27 April 2000.	
		Connors et al., "Nicotine and Attention in Adult Attention Deficit Hyperactivity Disorder (ADHD)," Psychopharmacology Bulletin 32(1):67-73, 1996.	
		Cook et al., "Association of Attention-Deficit Disorder and the Dopamine Transporter Gene," Am J Hum Genet 56:993-998, 1995.	
		Daly et al., "Mapping susceptibility loci in attention deficit hyperactivity disorder: preferential transmission of parental alleles at DAT1, DBH and DRD5 to affected children" Mol Psychiatry 4:192-196, 1999.	
		DeVries et al., "Reduced Aggressive Behaviour in Mice with Targeted Disruption of the Oxytocin Gene," J Neuroendocrinol 9:363-368, 1997.	
		Falconer, "The inheritance of liability to certain diseases, estimated from the incidence among relatives," Ann. Hum. Genet. Lond. 29:51-71, 1965, Great Britain.	
		Faraone et al., "Separation of DSM-III attention deficit disorder and conduct disorder: evidence from a family-genetic study of American child psychiatric patients," Psychological Medicine 21:109-121, 1991, Great Britain.	
		Faraone et al., "The Dopamine D4 Gene 7-Repeat Allele is Associated with ADHD in Families Ascertained Through ADHD Adults," Am J Med Gen (Neuropsych Genet) 81:458, November 6, 1998.	
		Ferré, "Adenosine-dopamine receptor-receptor interactions as an integrative mechanism in the basal ganglia," Trends in Neurosci 20(10):482-487, October 1997.	
		Gill et al., "Confirmation of association between attention deficit hyperactivity disorder and a dopamine transporter polymorphism," Mol Psychiatry 2:311-313, 1997.	
		Gillis et al., "Attention Deficit Disorder in Reading-Disabled Twins: Evidence for a Genetic Etiology," J Abnorm Child Psychol 20(3):303-314, 1992.	
		Haley et al., "The Role of Nitric Oxide in Hippocampal Long-Term Potentiation," Neuron 8:211-216, February 1992.	

Examiner
Signature

J. Goldberg

Date
Considered

7/17/02

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Complete if Known

Application Number	09/825,922
Filing Date	5 April 2001
First Named Inventor	David E. COMINGS
Group Art Unit	1644 1634
Examiner Name	Not Yet Assigned
Attorney Docket Number	1954-332

Sheet 3 of 4


of 4

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
JZ		Hudziak et al., "Latent Class and Genetic Analysis of DSM-IV Attention-Deficit/Hyperactivity Disorder (ADHD): Part II," Am J Med Gen (Neuropsych Genet)74:567-568, Abstract, November 21, 1997.	
		LaHoste et al., "Dopamine D4 receptor gene polymorphism is associated with attention deficit hyperactivity disorder," Mol Psychiatry 1:121-124. 1996.	
		Lau et al., "Association studies do not show an increased frequency of the 7-fold repeat form of the dopamine 4 receptor polymorphism in children with attention deficit hyperactivity disorder (ADHD), Am J of Hum Gen 61(4):A203, Abstract, October 1997, Supplement to Vol. 61.	
		Ledent et al., "Aggressiveness, hypoalgesia and high blood pressure in mice lacking the adenosine A _{2a} receptor," Nature 388:674-678, 14 August 1997.	
		Levine "Nicotine effects on adults with attention-deficit/hyperactivity disorder," Psychopharmacology 123:55-63, 1996.	
		Morelli et al., "Adenosine A ₂ receptors interact negatively with dopamine D ₁ and D ₂ receptors in unilaterally 6-hydroxydopamine-lesioned rats," European Journal of Pharmacology 251:21-25, 1994.	
		Nelson et al., "Behavioural abnormalities in male mice lacking neuronal nitric oxide synthase," Nature 378:383-386, 23 November 1995.	
		Olweus et al., "Circulating Testosterone Levels and Aggression in Adolescent Males: A Causal Analysis," Psychosomatic Medicine 50:261-272, 1988.	
		Pastinen et al., "Array-based multiplex analysis of candidate genes reveals two independent and additive genetic risk factors for myocardial infarction in the Finnish population," Hum Mol Genet 7(9):1453-1462, 1998.	
		Romero et al., "The Endogenous Cannabinoid Receptor Ligand, Anandamide, Inhibits the Motor Behavior: Role of Nigrostriatal Dopaminergic Neurons," Life Sciences 56(23/24):2033-2040, 1995.	
TECH CENTER AUG 2 3 2001 1500/2500	RECEIVED	Rowe et al., "Dopamine DRD4 receptor polymorphism and attention deficit hyperactivity disorder," Mol Psychiatry 3:419-426, 1998.	
		Scott et al., "Presenilin-1 polymorphism and Alzheimer's disease," The Lancet 347(9009):1185-1187, April 27, 1996.	
Examiner Signature	J. Goldberg		Date Considered 7/17/02

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT 				Complete if Known		
				Application Number	09/825,922	
				Filing Date	5 April 2001	
				First Named Inventor	David E. COMINGS	
				Group Art Unit	4044 1634	
Examiner Name				Not Yet Assigned		
Attorney Docket Number				1954-332		
Sheet	TR	of	4			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
82		Sherman et al., "Twin Concordance for Attention Deficit Hyperactivity Disorder: A Comparison of Teachers' and Mothers' Reports," Am J Psychiatry 154(4):532-535, April 1997.	
		Sherman et al., "Attention-Deficit Hyperactivity Disorder Dimensions: A Twin Study of Inattention and Impulsivity-Hyperactivity," J Am Acad Child Adolesc Psychiatry 36(6):745-753, June 1997.	
		Smyth et al., "Endorphins are stored in biologically active and inactive forms: isolation of α -N-acetyl peptides," Nature 279:252-254, 17 May 1979.	
		Son et al., "Long-Term Potentiation is Reduced in Mice That Are Doubly Mutant in Endothelial and Neuronal Nitric Oxide Synthase," Cell 87:1015-1023, December 13, 1996.	
		Stevenson et al., "Hyperactivity and Spelling Disability: Testing for Shared Genetic Aetiology," J Child Psychol Psychiatr 34(7):1137-1152, 1993.	
		Stevenson, "Evidence for a Genetic Etiology in Hyperactivity in Children," Behavior Genetics 22(3):337-344, 1992.	
		Swanson et al., "Association of the dopamine receptor D4 (DRD4) gene with a refined phenotype of attention deficit hyperactivity disorder (ADHD): a family-based approach," Mol Psychiatry 3:38-41, 1998.	
		Tang et al., "Genetic enhancement of learning and memory in mice," Nature 401:63-69, 2 September 1999.	
		Trifiletti et al., "Immune Mechanisms in Pediatric Neuropsychiatric Disorders," Child Adolesc Psychiatr Clin N Am 8(4):767-775, October 1999.	
		Wilens et al., "A Pilot Controlled Clinical Trial of ABT-418, a Cholinergic Agonist, in the Treatment of Adults With Attention Deficit Hyperactivity Disorder," Am J Psychiatry 156(12):1931-1937, December 1999.	
		Warburton et al., "Nicotine as a Cognitive Enhancer," Prog Neuro-Psychopharmacol & Biol-Psychiat 16:181-191, 1992.	

Examiner Signature	<i>J. Goldberg</i>	Date Considered	7/17/02
--------------------	--------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

†Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.